

Amendments to the Claims:

1. (Currently Amended) A ceiling mount ~~(20, 30)~~ for an X-ray tube ~~(26)~~ or an X-ray detector ~~(36)~~, containing the ceiling mount comprising:

a) a first guide arrangement ~~(11, 12)~~ that can be fixed to ~~the~~ a ceiling ~~(10)~~ of a room;

b) a carrier system ~~(21, 22, 31, 32)~~ having a including a depending length-adjustable arm ~~(23, 33)~~, the carrier system being movably mounted to the first guide arrangement ~~(11, 12)~~ so such that it can slide slides in a first direction ~~(L_S, L_D)~~;

c) a transverse arm ~~(24, 34)~~, a first end of which is rotatably mounted to ~~the~~ a depending end of the depending adjustable-length arm ~~(23, 33)~~ so as to be rotatable for rotation about a first axis of rotation ~~(R_{1S}, R_{1D})~~;

d) an equipment carrier ~~(25, 35)~~, which is mounted to the rotatably connected with a second end of the transverse arm ~~(24, 34)~~ and which carries for rotation about a second axis of rotation, the equipment carrier carrying the X-ray tube ~~(26)~~ or the X-ray detector ~~(36)~~.

2. (Currently Amended) ~~[[A]]~~ The ceiling mount (20, 30) as claimed in claim 1, ~~characterized in that wherein~~ the equipment carrier ~~(25, 35)~~ at is further connected with the second end of the transverse arm ~~(24, 34)~~ is rotatably mounted for rotation about a ~~second~~ third axis of rotation ~~(R_{2S}, R_{2D})~~, one of the second axes of rotation and the third axis of rotation being parallel to the first axis of rotation .

3. (Currently Amended) ~~[[A]]~~ The ceiling mount as claimed in claim 1, ~~characterized in that wherein~~ the carrier system comprises:

b1) a second guide arrangement ~~(21, 31)~~, which is movably mounted to the first guide arrangement ~~(11, 12)~~ so such that it can slide the second guide arrangement moves relative to the first guide arrangement in the first direction ~~(L_S, L_D)~~, and

b2) a carriage ~~(22, 32)~~, which is movably mounted to the said second guide arrangement ~~(21, 31)~~ so such that it can slide the carrier moves in a second direction relative to the second guide arrangement, the second direction being

different from the first direction, (T_S, T_D) and which carries the carriage carrying the depending length-adjustable arm (23, 33).

4. (Currently Amended) ~~[[A]]~~ The ceiling mount as claimed in claim 1, characterized in that wherein the extension first axis of rotation (R_{1S}, R_{1D}) of the depending length-adjustable arm (23, 33) is perpendicular to the first direction (L_S, L_D) and, if applicable, also to the second direction (T_S, T_D) .

5. (Currently Amended) ~~[[A]]~~ The ceiling mount as claimed in claim 1, characterized in that wherein the first axis of rotation (R_{1S}, R_{1D}) is parallel to the extension an axis of the depending length-adjustable arm (23, 33).

6. (Currently Amended) ~~[[A]]~~ The ceiling mount as claimed in claim 1, characterized in that wherein the second axis of rotation (R_{2S}, R_{2D}) is parallel to the first axis of rotation (R_{1S}, R_{1D}) .

7. (Currently Amended) ~~A ceiling mount as claimed in claim 1, characterized in that for an X-ray tube or an X-ray detector comprising:~~

a) a first guide arrangement that is adapted to be mounted to a ceiling of a room;

b) a carrier system including, a vertically extending length-adjustable arm, the carrier system being movably mounted to the first guide arrangement such that the carrier system moves along the first guide arrangement,

c) a transverse arm, a first end of the transverse arm being, rotatably mounted to a free end of the length-adjustable arm for rotation about a first vertical axis of rotation;

d) an equipment carrier mounted to a second end of the transverse arm, the X-ray tube (26) or the X-ray detector (36) is secured to being rotatably connected with the transverse arm via the equipment carrier (25, 35) so as to be rotatable for rotation about a third horizontal axis of rotation (R_{3S}, R_{3D}) .

8. (Currently Amended) An X-ray installation, wherein the an X-ray tube (26) and the an X-ray detector (36) are each secured to a ceiling mount (20, 30), which contains:

- a) a first guide arrangement (11, 12) that can be fixed to the a ceiling (10) of a room;
- b) a carrier system (21, 22, 31, 32) having a length-adjustable arm (23, 33), the carrier system being mounted to the first guide arrangement (11, 12) so that it can slide in a first direction (L_S, L_D);
- c) a transverse arm (24, 34), which is mounted to the an end of the length-adjustable arm (23, 33) so as to be rotatable about a first axis of rotation (R_{1S}, R_{1D});
- d) an equipment carrier (25, 35), which is mounted to the an end of the transverse arm (24, 34) so as to be rotatable about a second axis of rotation (R_{2S}, R_{2D}) and which carries the X-ray tube (26) or the X-ray detector (36).

9. (Currently Amended) [[An]] The X-ray installation as claimed in claim 8, characterized in that the first guide arrangement (11, 12) is the same for both ceiling mounts (20, 30) further comprising

a second carrier system having a second length-adjustable arm, the second carrier system being mounted to the first guide arrangement for movement in the first direction;

a second transverse arm rotatably mounted to an end of the second length-adjustable arm for rotation about a longitudinal axis of the second length-adjustable arm;

a second equipment carrier rotatably mounted to an end of the transverse arm for rotation about an axis of rotation which is parallel to the longitudinal axis of the second length-adjustable arm, the other of the X-ray tube and the X-ray detector being carried by the second equipment carrier.

10. (Currently Amended) [[An]] The X-ray installation as claimed in claim 8, containing further including:

a patient table (40) adjustable in height (V_T), lengthwise direction (L_T), transverse direction (T_T), and/or inclination (R_T).

11. (Currently Amended) [[An]] The X-ray installation as claimed in claim 8, ~~characterized by~~ 9, further including:

a control unit for controlling the spatial ~~adjustment~~ adjustments of the X-ray tube (26) and the X-ray detector (36), making allowances for collision avoidance.

12. (New) The ceiling mount as claimed in claim 3, wherein first axis of rotation of the depending length-adjustable arm is perpendicular to the first direction and the second direction.

13. (New) The ceiling mount as claimed in claim 1, wherein the X-ray tube or the X-ray detector is rotatably mounted to the equipment carrier for rotation about a third axis of rotation.

14. (New) The ceiling mount as claim in claim 7, wherein the equipment carrier is rotatably connected with a second end of the transverse arm for rotation about a second vertical axis.

15. (New) The X-ray installation as claimed in claim 9, wherein the first axis of rotation and the second axis of rotation are both vertical.

16. (New) The X-ray installation as claimed in claim 5, wherein the X-ray tube and the X-ray are mounted to the first and second equipment carriers for rotation about horizontal axes.

17. (New) The X-ray installation as claimed in claim 8, wherein the X-ray tube or X-ray detector is mounted to the equipment axis for rotation about a third axis.

18. (New) The X-ray installation as claimed in claim 17,
wherein the second and third axes are perpendicular.